



DEPARTMENT OF THE NAVY
NAVAL AIR SYSTEMS COMMAND
NAVAL AIR SYSTEMS COMMAND HEADQUARTERS
WASHINGTON, DC 20361-0001

IN REPLY REFER TO

NAVAIRINST 5400.98A
AIR-1002
9 Nov 87

NAVAIR INSTRUCTION 5400.98A

From: Commander, Naval Air Systems Command
To: Deputy Commander, NAVAIR Acquisition Executive and Deputy Commander for Operations, Assistant Commanders, Comptroller, Command Special Assistants, Program Directors, Designated Program Managers, Program Coordinators, Directorate Directors, and Office and Division Directors

Subj: DESIGNATION OF THE JOINT ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM) SYSTEM PROGRAM (PMA268)

Ref: (a) DoD Directive 5000.1 of 1 Sep 87
(b) SECNAVINST 5000.1B
(c) NAVAIRINST 1611.1G
(d) NAVAIRINST 5400.1B
(e) NAVAIRINST 5400.108
(f) NAVAIRINST 5400.14C

Encl: (1) Advanced Medium Range Air-To-Air Missile (AMRAAM) Program Management Charter

1. Purpose. To

a. continue the joint Air Force and Navy Advanced Medium Range Air-To-Air Missile (AMRAAM) System Program with the Air Force as executive service; and

b. issue a joint revised charter that defines responsibilities, authority, and major functions of the Air Force Program Director and the Navy Deputy Program Director.

2. Cancellation. This instruction supersedes NAVAIR Instruction 5400.98 of 1 April 1980. This is a major revision and changes are not indicated.

3. Background

a. The AMRAAM Program's operational need was determined by a joint Air Force and Navy committee which identified future tactical missile operational requirements for both services. These requirements were documented as the Joint Service Operational Requirement (JSOR) for an Advanced Tactical Air-To-Air Missile, September 1976. This JSOR was revised April 1978 and approved by both services, September 1978, and forms the basis for the AMRAAM program.

b. AMRAAM is an all-environment radar guided missile. Improvements in operational capability will be developed to reduce the weight and drag impact of the missile on aircraft performance.

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4. Action

a. Effective February 1986, CAPT Norbert W. Melnick, USN, was designated as Program Manager (PM) for the AMRAAM Program (PMA268). CAPT Raymond D. Slingerland, USN, served as PM for PMA268 from April 1981 through January 1986. The PM receives his authority from, and is responsible and accountable to the Commander, Naval Air Systems Command (COMNAVAIR). The PM reports to COMNAVAIR via the Program Director Air for Weapons Programs (PDA11). PDA11 provides supervisory oversight, monitors, and makes recommendations, as appropriate, and advises COMNAVAIR of program status and progress. The PM's principal assignment, as Deputy Program Director, is reporting directly to the Program Director for the joint AMRAAM Program.

b. The NAVAIR Acquisition Executive and Deputy Commander for Operations (AIR-01), as the acquisition executive reporting to COMNAVAIR, is responsible for developing, interpreting, and issuing acquisition policy and requirements. AIR-01 is also responsible for providing a wide variety of staff support for the PM, and in conjunction with PDA11, provides coordination and advisory assistance to the PM in ensuring compliance with the Naval Air Systems Command acquisition management policies, practices, and compatibility with the program's goals and objectives as determined by COMNAVAIR and higher authority. In order for AIR-01 to perform as acquisition executive and provide program support, the PM and PDA11 will keep AIR-01 informed on program status.

c. The AMRAAM Program will be conducted following management principles outlined in enclosure (1) and references (a) through (c).

d. The functional organizations of NAVAIR will support the PM as specified in references (d) through (f), and other directives that may be issued by higher authority.

5. The charter (enclosure (1)) has been approved.



J. B. WILKINSON

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ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)PROGRAM MANAGEMENT CHARTERI. PURPOSE:

This Charter identifies the AMRAAM System Program Director, establishes his management office, and defines his responsibilities, authority, and major functions. It also describes and assigns responsibility for satisfying the unique management requirements of the participating service.

II. BACKGROUND AND DESCRIPTION:

A. The Advanced Medium Range Air-to-Air Missile (AMRAAM) will be an all-environment, radar-guided missile in the AIM-7 SPARROW class of range and performance. Significant improvements in operational capability will be developed, reducing the weight and drag impact of the missile on aircraft performance, improving overall system reliability, and improving performance in end-game, electronic countercountermeasures, and low altitude clutter.

B. The AMRAAM Program's operational need was determined by a joint Air Force and Navy committee which identified future tactical missile operational requirements for both services. These requirements were documented as the Joint Service Operational Requirement (JSOR) for an Advanced Tactical Air-to-Air Missile, dated September 1976, revised April 1978, and approved by both services September 1978. This JSOR forms the basis for the AMRAAM Program.

III. GENERAL:

The AMRAAM development program is a joint Air Force and Navy program with the Air Force as executive service. This program will be conducted in accordance with the management principles identified in DoD Directive 5000.1, the Memorandum of Agreement on the Management of Multi-Service Systems/Programs/Projects, dated 20 July 1973 (AFSCR/AFLCR 800-2/NAVMATINST 5000.10A), and standard Air Force acquisition management policies and procedures.

IV. PROGRAM MANAGEMENT:

A. The AMRAAM System Program Director will manage all activities and efforts relating to the program and will be assisted by a Navy Deputy System Program Director.

B. The AMRAAM Joint System Program Office (JSPO) will be the central management office for all aspects of the program during the Full-Scale Development (FSD) and Production Phases. The JSPO will be jointly manned by the two services and will be located at Air Force Systems Command's Armament Division, Eglin AFB, FL.

C. The Navy Director for AMRAAM will be physically located in the AMRAAM JSPO. He will act for the Program Director in his absence, and is assigned additional duty to the Commander, Naval Air Systems Command, as the AMRAAM Project Manager (PMA-253).

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V. RESPONSIBILITY AND AUTHORITY:

A. The Program Director is the single central executive responsible for the successful management of the program and accomplishment of the objectives of this charter. He has complete authority within the scope of the program resources to meet Air Force and Navy requirements and has authority over program efforts of in-house and contractor organizations including assignment of responsibilities. As the responsible executive, he is expected to act on his own initiative in matters affecting the program. In those cases where action is required beyond the authority granted in this charter, he shall refer the action to appropriate higher authority in the Department of the Air Force and/or the Department of the Navy with his recommendations, including alternatives available.

B. The Program Director shall have the specific authority and responsibility for the following:

1. Manage (organize, plan, control, and direct) the AMRAAM Program.
2. Tailor the organization of the JSPO, the selection and application of management systems, and regulations to the needs of the program within the constraints of the program direction.
3. Make technical and business management decisions within the approved program to accomplish program objectives. These decisions will be directive on all participating Air Force and Navy organizations.
4. Establish the need, scope, costs and schedules for all program related efforts.
5. Assess and document program resources necessary for the successful accomplishment of the program, and evaluate and document the impact of deviations from these resource levels. This evaluation will include funding and program manpower.
6. Assess and document the impact of proposed changes which alter approved performance, schedule and cost objectives.
7. Prepare and issue a Program Management Plan (PMP) in consonance with the program direction. The PMP will detail and time-phase the resources, responsibilities, and tasks necessary to accomplish the program. It will be periodically updated to reflect current program direction, management philosophy, organization relationships, schedules, etc. The PMP will be directive on all participating organizations.
8. Assure adequate communication and coordination among all participating organizations. The Program Director is authorized direct contact with all organizations concerned with the program.
9. Maintain a continuous assessment of the program's progress and performance versus requirements, threat, schedule, and costs, and inform higher headquarters of recommended changes as well as potential or actual breaches of program thresholds.
10. Promptly report appropriate problems to the proper higher echelons for timely resolution. Direct communication from the Program Director to appropriate decision authorities is authorized.

11. Prepare appraisal reports on Air Force personnel assigned or collocated to the AMRAAM JSPO. Fitness reports, annual performance ratings, and appraisals for merit promotion on Navy personnel in the project will be initiated by their immediate supervisors and reviewed by the Navy Deputy Program Director.

12. Recommend to higher echelons changes in direction, regulations, service policy, organization practices, etc., which he believes would significantly contribute to program success.

C. The Navy Director for AMRAAM shall have the specific authority and responsibility for the following:

1. Act for the Program Director in all areas of joint service responsibility and authority during the Program Director's absence.

2. Insure that Navy program needs and desires are brought to the attention of and receive proper consideration by the Program Director.

3. Input to and review program issues, policies, and decisions as they impact Navy interests.

4. Implement the Program Manager's decisions by coordinating with and directing Navy organizations involved with the AMRAAM Program.

5. Accomplish other program management tasks as directed by the Program Director.

6. Manage tasks unique to Navy program requirements and keep the Program Director informed.

7. Provide periodic program status report to the Commander, Naval Air Systems Command and sponsors in the office of the Chief of Naval Operations.

8. Maintain continual liaison with the Program Director-Air for Weapons Programs relative to administrative support, progress and problems of the program.

VI. FUNDING RESPONSIBILITIES:

A. During Full Scale Development (FSD), the Air Force shall be responsible for budgeting and funding for the development, test, and evaluation of the following:

1. New design AMRAAM system equipment required by either the Air Force or the Navy to satisfy JSOR requirements.

2. Modifications to existing Air Force or Navy aircraft or equipment for AMRAAM FSD test or modification prototyping.

3. Air Force-unique requirements outside the scope of the JSOR.

B. During Full Scale Development (FSD), the Navy shall be responsible for budgeting and funding for the following:

1. Modifications to Navy aircraft and equipment to accommodate the "tactical" AMRAAM system.

2. Navy-unique requirements outside the scope of the JSOR.

C. All allocable production costs will be funded by the ordering service, and those program production costs which cannot be directly allocated to ordered items will be prorated between the services, based on the number of missiles each buys.

VII. RELATIONSHIPS:

A. Joint Operating Procedures (JOPs) will be negotiated and executed between the Air Force and Navy as required to further define the procedures to be followed by each service in accomplishing the AMRAAM Program. JOPs shall be prepared for the following areas:

1. Test and Evaluation (T&E)
2. Configuration Management
3. Financial Management


B. Additional JOPs will be prepared as required to meet program needs.

C. The Program Director and the Navy Director for AMRAAM are authorized to negotiate and direct execution of all JOPs.

VIII. UNIQUE NAVY MANAGEMENT REQUIREMENTS:

There are currently no unique Navy management requirements; however, the possibility exists that some may arise at a later date. If that happens, they will be negotiated and executed by the Program Director and the Navy Program Director for AMRAAM.

APPROVED
(Air
Force)


GEORGE L. MONAHAN JR.
Lt General, USAF
Military Deputy for Acquisition

31 July 1987

APPROVED
(Navy)


J. B. Wilkinson
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